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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

AKIYAMA, Tomoyuki

Group Art Unit: 3663

Serial No.: 10/708,219

Examiner: **Ari M. Diacou**

Filed: **February 17, 2004**

P.T.O. Confirmation No.: **2218**

For: **SEMICONDUCTOR OPTICAL AMPLIFIER SUITABLE FOR COARSE WDM COMMUNICATIONS AND LIGHT AMPLIFICATION METHOD**

RESPONSE TO THE RESTRICTION
AND ELECTION OF SPECIES REQUIREMENTS
DATED DECEMBER 5, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date: December 27, 2005

Sir:

This paper is submitted in response to the Official Action dated December 5, 2005.

In the outstanding Action, restriction is required between Group (I), claims 1-7 and 10, drawn to the semiconductor optical amplifier; and (II), claims 8-9, drawn to the method of semiconductor laser amplification.

Also, election was required among Species Embodiment A: Figure 1; Embodiment B: Figure 8; and Embodiment C: Figure 17.

The applicants elect to prosecute the subject matter of Group (I), claims 1-7 and 10, and further elect the species embodying Species Embodiment A (Figure 1), and subspecies, shown in Figures 2A. Claims 1-7 and 10 read on the elected group and species/subspecies.

Accordingly, claims 1-7 and 10 are elected in the prosecution of this application.

Response to the Restriction And Election of Species Requirements Dated December 5, 2005
Filed on December 27, 2005
U.S. Application Serial No. 10/708,219

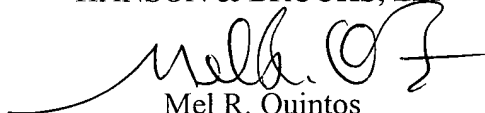
It is understood that the applicants' rights to the filing of Divisional applications directed to the non-elected claimed subject matters under 35 USC §120 and 35 USC §121 are retained.

The applicants respectfully request an early examination on the elected claims 1-7 and 10 and favorable action on the merits. If the Examiner has any questions with this Response, please feel free to call the undersigned attorney at the indicated telephone number.

In the event that this paper is not timely filed, the applicants hereby petition for an appropriate extension of time. The fee for any such extension may be charged to our Deposit Account No. 01-2340.

Respectfully submitted,

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